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Application No.

10/647,850

Examiner

Shawntina T. Fuqua

Applicant(s)

CHANG ET AL.

Art Unit

3742

√ Rejected
= Allowed

- (Through numeral) Cancelled

Restricted

Non-Elected
I Interference

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Objected

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| Cla             | Claim Date |               |               |          | le:      | Cla  | aim             | Date |         |          |                 |                | Claim        |          |  | Date        |                |          |            |          |          |          |               |          |          |              |
|-----------------|------------|---------------|---------------|----------|----------|--|-----------------|------|---------|----------|-----------------|----------------|--------------|----------|--|-------------|----------------|----------|------------|----------|----------|----------|---------------|----------|----------|--------------|
| Final           | Original   | 8/7/04        |               |          |          |  |                 |      | Final   | Original |                 |                |              |          |  |             |                | rınaı    | Original   | :        |          |          |               |          |          |              |
|                 | 0          | 1             |               |          |          |  | <del> </del>    | S    | ┢       | 51       | $\dashv$        | <del>- -</del> |              | +        | ++   | $\exists$   |                |          | 101        |          | ╁        | H        | +             |          | -        | ᅱ            |
|                 | 2          | 14            |               |          |          |  |                 |      |         | 52       |                 | $\neg$         |              |          | 1 1-   | 7           |                |          | 102        |          | <b> </b> |          | $\dashv$      |          | 十        | $\dashv$     |
|                 | 3          | 1             |               |          |          |  |                 |      |         | 53       |                 |                |              |          |  |             |                |          | 103        |          |          |          |               |          | 丁        | T            |
|                 | 4          | 0             |               |          |          |  |                 |      |         | 54       |                 |                |              |          |  |             |                |          | 104        |          |          |          |               |          | $\Box$   |              |
|                 | 5          | 1             | $\perp \perp$ |          | ┸        | <u> </u>   |                 |      | <u></u> | 55       |                 | _              |              |          |  |             |                |          | 105        |          |          |          |               |          |          |              |
|                 | 6          | 1             | $\perp$       |          | _        | $\bot\bot$                                       |                 |      |         | 56       |                 |                | $\perp$      |          | Ш.   | _[          | 4              | _        | 106        |          |          |          |               |          | $\perp$  |              |
|                 | 7          | 1             |               |          |          | +  | <del> </del>    |      |         | 57       |                 | _              |              |          | <del>                                     </del> | _           | L              | _        | 107        | $\bot$   | <u> </u> |          |               | _        |          |              |
| <u> </u>        | 8          | /             | +             |          | _        |  | -               |      |         | 58       | $\dashv$        |                |              |          | -  | _           |                |          | 108        |          | 4        |          | _             | _        | $\dashv$ | 1            |
|                 | 9 (10)     | /             | +             | $\dashv$ |          | ++   | +               |      |         | 59       | -               |                | +            | -        |  | 45          | -              |          | 109        |          | 4_       | -        | 4             | 4        | 4        | $\dashv$     |
|                 | 11         |               | +             | -        |          | +-+  | +               | 100  | -       | 60       |                 | +              | +            |          | ₩.   | - 6         | Ŀ              |          | 110        | $\perp$  | $\perp$  |          | $\rightarrow$ | +        | -        | -            |
|                 | 12         | -             | +             | -        |          | +  | +               |      |         | 61<br>62 | $\dashv$        | _              |              | -        | $\vdash$   | -           |                |          | 111<br>112 |          | ┼        | -        | $\dashv$      | +        | -        | 4            |
|                 | 13         | 0             |               | -        |          | ┼├-  |                 |      |         | 63       |                 |                | +            |          | $\vdash$   | $\dashv$    | -              | -1       | 113        |          | +        | $\dashv$ |               |          | +        | -            |
| -               | 14         |               | +             |          | +        | <del>                                     </del> | +               |      |         | 64       | $\dashv$        |                | +            |          | -  | -13         | -              | -        | 114        |          | +        | Н        | $\dashv$      | -        | +        | $\dashv$     |
| -               | 15         | 5             | +             |          | +        | ++   | +               |      |         | 65       | +               |                | +            |          | $\vdash$   | -           | <u>.</u>       | -        | 115        |          | +        |          | $\dashv$      | +        | +        | $\dashv$     |
|                 | 16         | 1             | Ħ             | -        | $\dashv$ | ++-  | +               |      |         | 66       |                 | -              | $\dashv$     | +        | $\vdash$   | 4           | -              |          | 116        |          | ╁        |          | +             | $\dashv$ | +        | $\dashv$     |
|                 | 17         | 7             |               | $\top$   | +        | 1  | H               |      | -       | 67       |                 | +              | +            | -        | -  | -           | -              | _        | 117        | $\dashv$ | +        |          | $\dashv$      | +        | +        | -            |
|                 | 18         | -             | +             | T.       | +        | ++   | T               |      |         | 68       |                 | +              | +            | $\dashv$ |  | $\dashv$    |                | +        | 118        |          | +-       |          | 1             | 1        | +        | $\dashv$     |
|                 | 19         | 1             | $\top$        |          |          | 1 1  | $\top$          |      |         | 69       |                 | _              | + 1          |          |  | 1:          | -              | $\dashv$ | 119        |          | +        |          |               |          | +        | $\dashv$     |
|                 | 20_        | <u> </u>      |               |          | _        |  | 1               |      |         | 70       |                 | +              |              |          | 1  | <b>∃</b>    | -              | $\dashv$ | 120        |          | +        |          | $\dashv$      |          |          | +            |
|                 | 21         |               | 17            | $\neg$   | $\top$   | 1  |                 | 41.1 |         | 71       |                 |                | 7            |          | <del> </del>                                     | <b>-</b>  ։ |                | ┪        | 121        |          |          |          | 1             | _        | -        | $^{\dagger}$ |
|                 | 22         |               | 1             |          |          | <del>                                     </del> | H               |      |         | 72       |                 | _              | $\top$       |          |  | 1           | -              | 寸        | 122        |          | T        |          | -             | $\dashv$ | +        | _            |
|                 | 23         |               |               |          | 1        |  | Ħ               | 7    |         | 73       |                 |                |              |          |  | 7           |                | $\neg$   | 123        |          | 1        |          |               | $\top$   | 十        | 7            |
|                 | 24         |               |               |          |          |  | П               | 2 Tr |         | 74       |                 |                | 11           |          |  | 7           |                |          | 124        |          |          | $\neg$   | T             | $\top$   | $\top$   | 7            |
|                 | 25         |               |               |          |          |  | П               |      |         | 75       |                 |                | $\Box$       |          |  | 7           |                | $\neg$   | 125        |          |          | T        | 1             | _        | $\top$   | $\top$       |
|                 | 26         |               |               |          |          |  |                 |      |         | 76       |                 |                |              |          |  | 700         |                |          | 126        |          |          |          |               | Ť        | $\top$   | T            |
|                 | 27         |               |               |          |          |  |                 | 5    |         | 77       |                 |                |              |          |  |             |                |          | 127        |          |          |          |               | T        | T        | T            |
| <u></u> .       | 28         |               |               |          |          |  |                 |      |         | 78       |                 |                |              |          |  |             |                |          | 128        |          |          |          |               |          | $\Box$   |              |
|                 | 29         |               |               |          |          | 1  |                 |      |         | 79       |                 |                |              |          |  | ]           |                |          | 129        |          |          |          |               |          |          | T            |
| <u></u>         | 30         |               |               | _        |          |  | 4               |      |         | 80       |                 | _              |              |          |  | _           | L              |          | 130        |          |          |          |               |          | $\perp$  |              |
| <u> </u>        | 31         |               | $\perp \perp$ |          |          |  | $\sqcup$        |      |         | 81       |                 | _              | .            |          | $\sqcup \bot$                                    |             |                |          | 131        |          | Ш        |          |               | $\perp$  | $\perp$  |              |
|                 | 32         |               | $\perp$       |          |          | $\vdash$   | <b> </b>        |      |         | 82       | $\dashv \dashv$ |                | -            |          | <u> </u>   | _           |                |          | 132        |          | 1_       | _        | 4             |          |          | ╛            |
|                 | 33         |               |               | _        | Щ.       | <del> </del>                                     | $\sqcup$        |      |         | 83       |                 | _ _            | $\perp$      | _        |  | 1:5         | -              |          | 133        |          | $\perp$  | _        |               | _        | 4        | 4            |
|                 | 34         | -+-           | +             | _        |          | <del> </del>                                     | $\vdash$        |      |         | 84       |                 | _              | $\perp$      | _        |  | 4           | ·              |          | 134        |          | $\perp$  | _        |               | _        | 4        | 4            |
| <u> </u>        | 35<br>36   | +             | +             | +        | +        | <del>                                     </del> | +               |      |         | 85       |                 |                | +            |          |  |             | _              | 4        | 135        | -        |          | 4        | 4             | +        | +        | $\downarrow$ |
| -               | 37         | -             | +             |          | $\dashv$ | -  | ╂━┤             |      |         | 86       |                 |                | +            |          | $\vdash$   | ┨.          | $\vdash$       | 4        | 136        |          | +        | -        |               | +        | _        | 4            |
|                 | 38         |               | +             |          | +        |  | $\vdash$        |      |         | 87<br>88 |                 | -              | ++           |          | $\vdash$   | ⊢ ։         | -              | -+       | 137        |          | $\vdash$ |          | -             | +        | +        | 4            |
|                 | 39         |               | +-+           | +        | +        | +  | +               | 7 m  |         | 89       |                 |                | +            |          |  | +           | -              | $\dashv$ | 138<br>139 | _        | 1        |          |               |          | +        | +            |
|                 | 40         |               | +             |          |          | <del>                                     </del> | +-              |      |         | 90       | $\dashv$        | +              | +            |          | $\vdash$   | - 1         |                |          | 140        |          | +        | -+       | -+            | -        | +        | +            |
| $\vdash \vdash$ | 41         | _             | ++            |          | +        | <del>                                     </del> | +               |      |         | 91       | -               | +              | +-+          |          | -  | -   1 ° °   | -              | -        | 141        | +        | 1-1      |          | +             | +        | +        | +            |
|                 | 42         |               | +             |          | +        | 1  | ┼┈┤             |      |         | 92       |                 | -              | +            | -        | H  | +           | -              | -        | 142        |          | +        | -+       | +             | +        | +        | +            |
|                 | 43         | +             | ++            | -        | +-       | 1-1-   | +               |      | -       | 93       | +               |                | +            |          |  | +           | $\vdash$       | $\dashv$ | 143        |          | $\vdash$ | $\dashv$ | -+            | +        | +        | +            |
| H               | 44         | $\dashv$      | 1-            | $\dashv$ | +        | ++-  | $\forall$       |      |         | 94       | ++              | -              | ++           |          | $\vdash \vdash$                                  | 1: 1        | $\vdash$       | +        | 144        |          | $\vdash$ | $\dashv$ | +             | +        | +        | +            |
| $\vdash$        | 45         |               | 1 1           | _        | +        | <del>                                     </del> | $\vdash \vdash$ |      |         | 95       | $\dashv$        | +              | ++           | +-       | -  | 1           | $\vdash$       | +        | 145        |          | +        | $\dashv$ | +             | +        | +        | +            |
|                 | 46         | $\dashv$      | +-+           | $\dashv$ |          | t  | $\Box$          |      |         | 96       | $\dashv$        | +              | +-+          | +        | $\vdash$   | 1           | -              |          | 146        | +        | +        | -+       | +             |          | +        | +            |
|                 | 47         |               | 11            |          | 1        |  | Ħ               |      |         | 97       | $\dashv$        | +              | <del> </del> | +        | $\vdash$   | 1           | 1              | +        | 147        |          | +        | $\dashv$ | +             | -        | +        | +            |
|                 | 48         | $\neg$        | T-+           | $\top$   |          |  | П               |      |         | 98       | +               |                | ++           | _        |  | 10          | : <del> </del> |          | 148        |          | +        | _        | +             | +        | +        | 十            |
|                 | 49         | $\neg \vdash$ |               |          |          |  | П               |      |         | 99       |                 | $\dashv$       | ††           | +        | -  | 1::         | 1              |          | 149        |          | $\vdash$ | $\dashv$ | +             | +        | +        | +            |
|                 | 50         |               |               |          |          |  | П               | 9 V  |         | 100      | 77              | $\top$         | 7            |          |  | 1           |                |          | 150        | $\top$   | H        | _        | +             | +        | +        | $\dagger$    |
|                 |            |               |               |          |          |  |                 |      |         |          |                 |                |              |          | ш.   |             | Ь.             |          | 1          |          |          |          |               |          | —        | _            |